

Reply to Office Action of November 14, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 - 7 (Canceled)

8. (Currently Amended) A method for operating ~~a product~~ an air conditioning system selling system, comprising:

providing access to a web server of ~~a product~~ an air conditioning system selling enterprise through a client network;

allowing searching for a required air conditioning system ~~product~~;

modeling a three dimensional (3D) image of the required air conditioning system ~~product~~ and displaying a corresponding 3D image of the required air conditioning system ~~product~~ on a web page;

simulating a 3D installation of the air conditioning system ~~product~~ in a venue in which the air conditioning system ~~product~~ is to be installed and displaying the simulated 3D installation on the web page, wherein a 3D image of the venue is generated based on a purpose of a building, an inside volume, an estimated number of persons in a room, an inside material, a type of ventilation system, an internal structure, or a floor number on which the air conditioning system ~~product~~ is to be installed; and

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receiving information required for selling the air conditioning system product if a purchase order for the air conditioning system product is received, returning to a prior step if a cancel order is received, and repeating the foregoing steps if a request for a search for alternative air conditioning systems products is received.

9. (Currently Amended) The method as claimed in claim 8, wherein allowing searching for a required air conditioning system product further comprises retrieving information for a plurality of air conditioning systems products and displaying the plurality of air conditioning systems products and related information on the web page.

10. (Currently Amended) The method as claimed in claim 8, wherein allowing searching for a required air conditioning system product further comprises receiving information related to a required air conditioning system product and searching for a product that falls within a required specification.

11. (Currently Amended) The method as claimed in claim 10, wherein the information related to the required air conditioning system product includes structural information related to an installation site of the air conditioning system product and an intended use of the air conditioning system product.

12. (Currently Amended) The method as claimed in claim 8, wherein the air conditioning system product is a product which is intended to be installed and used in a building.

13-14. (Canceled)

15. (Currently Amended) The method as claimed in claim 8, wherein the information related to the venue in which the air conditioning system product is to be installed includes an allowable load.

16. (Currently Amended) The method as claimed in claim 15, further comprising:
receiving the allowable load when information related to the venue in which the air conditioning system product is to be installed is received;

selecting a ~~product~~ an air conditioning system which is appropriate for the allowable load; and

displaying the appropriate air conditioning system product and related information.

17. (Currently Amended) The method as claimed in claim 8, further comprising:
selecting at least one air conditioning system product which meets requirements related to the venue information; and

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displaying a corresponding 3D image of the selected air conditioning system product on the web page after receiving the information related to the venue in which the air conditioning system product is to be installed.

18. (Previously Presented) The method as claimed in claim 8, further comprising:
selecting a 3D sample image of at least one internal structure of a building which corresponds to the venue information; and
displaying the 3D sample image on the web page.

19. (Currently Amended) The method as claimed in claim 8, further comprising:
receiving information on a venue in which the air conditioning system product is to be installed after displaying the corresponding 3D image of the required air conditioning system product on the web page.

20. (Canceled)

21. (Currently Amended) The method as claimed in claim 19, wherein the information on the venue in which the air conditioning system product is to be installed includes an allowable load.

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22. (Currently Amended) The method as claimed in claim 21, further comprising:

receiving the allowable load when information on the venue in which the air conditioning system product is to be installed is received;

selecting a ~~product~~ an air conditioning system which is appropriate for the allowable load; and

displaying the appropriate air conditioning system product and related information.

23. (Currently Amended) The method as claimed in claim 19, further comprising:

selecting at least one air conditioning system product which meets requirements related to the venue information; and

displaying a corresponding 3D image of the selected air conditioning system product on the web page after receiving information related to the venue in which the air conditioning system product is to be installed.

24. (Previously Presented) The method as claimed in claim 19, further comprising:

selecting a 3D sample image of at least one internal structure of a building which corresponds to the venue information and displaying the 3D sample image on the web page.

25. (Currently Amended) The method as claimed in claim 8, wherein simulating a 3D

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installation and displaying the simulated 3D installation on the web page includes providing a drag and drop capability by which a 3D image of a ~~product~~an air conditioning system may be dragged and dropped onto a 3D image of an internal structure of a building displayed on the web page.

26. (Previously Presented) The method as claimed in claim 8, wherein simulating a 3D installation and displaying the simulated 3D installation on the web page includes providing a 3D movement of the 3D product image and zooming in and out functions.

27. (Previously Presented) The method as claimed in claim 26, wherein the 3D movement and the zooming in and out functions are controlled by at least one input device.

28. (Currently Amended) The method as claimed in claim 8, wherein simulating a 3D installation and displaying the simulated 3D installation on the web page further comprises allowing for repositioning the 3D ~~product~~image of the air conditioning system to adjust an installation position of the air conditioning system ~~product~~ in real time.

29. (Currently Amended) The method as claimed in claim 8, wherein searching for a required air conditioning system ~~product~~ further comprises:

providing access to a web page based on a classification, wherein a classification is

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based on a purpose of access and a level of expertise; and

selectively providing air conditioning systems products and related information based on the classification.

30. (Currently Amended) The method as claimed in claim 29, further comprising:
providing a first set of information for an individual, non-expert classification; and
providing a second set of information on a plurality of air conditioning systems products and receiving additional information for an expert classification, wherein the second set of information is more detailed than the first set of information.

31. (Previously Presented) The method as claimed in claim 30, wherein the second set of information includes the first set of information.

32. (Currently Amended) The method as claimed in claim 30, further comprising:
enabling a 3D graphic representation of a selected building by using a graphic program in communication with the web page when a request for a types of buildings option is received; and
placing a selected air conditioning system product into the enabled 3D graphic representation of a selected building for simulation of installation.

33. (Currently Amended) The method as claimed in claim 30, further comprising:

- receiving drawings of a building;
- representing the building in a 3D graphic image using a graphic program which is separate from but in communication with the web page; and
- placing a 3D graphic image of a selected air conditioning system product into the 3D graphic image of the building for simulation of installation.

34. (Currently Amended) The method as claimed in claim 30, further comprising:

- comparing information related to a plurality of air conditioning systems products stored in a data base to design drawings of a building; and
- selecting an air conditioning system product and fitting the air conditioning system product to an internal structure of the building on the design drawings.

35. (Previously Presented) The method as claimed in claim 34, further comprising:

- receiving an email with a file containing design drawings which have been converted into data.

36. (Currently Amended) The method as claimed in claim 35, wherein fitting the air conditioning system product to the internal structure of the building includes applying the air conditioning system product to the design drawings of the building that have been converted

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into data, and transmitting the product fit to the internal structure in an e-mail.

37. (Currently Amended) The method as claimed in claim 34, wherein selecting a air conditioning system product and fitting the air conditioning system product to the internal structure of the building includes simulating an application of the air conditioning system product to the internal structure of the building on the design drawings, and displaying the simulation on the web page.

38. (Currently Amended) The method as claimed in claim 8, further comprising:
storing client information required for a purchase in a data base when a purchase order is received by the web server of the air conditioning system product-selling enterprise.

39. (Currently Amended) The method as claimed in claim 38, wherein the client information required for a purchase includes a type of air conditioning system product, a quantity of air conditioning systems products, and a delivery due date of the air conditioning system product.

40. (Currently Amended) The method as claimed in claim 38, further comprising:
providing a payment adjustment which is proportional to a total amount of money involved when the air conditioning system product-selling enterprise receives the client

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information required for a purchase.

41. (Currently Amended) The method as claimed in claim 40, wherein the option includes at least one of a discount ratio proportional to a total amount of money involved, separate goods, a cash rebate, and a discount ratio applicable when purchasing ~~a product of the product~~ an air conditioning system from the air conditioning system selling enterprise and other enterprises associated with the air conditioning system ~~product~~-selling enterprise.

42-43. (Canceled)

44. (Currently Amended) The method as claimed in claim 16, further comprising:
performing a calculation based on the information provided; and
selecting an appropriate air conditioning system ~~product~~ based on a result of the calculation.

45. (Currently Amended) The method as claimed in claim 16, wherein the related information comprises a model number of the selected air conditioning system ~~product~~.

46. (Canceled)

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47. (Previously Presented) The method as claimed in claim 33, wherein the building comprises an existing structure.

48. (Previously Presented) The method as claimed in claim 34, wherein the building comprises a structure which has not yet been built.

49. (Currently Amended) A method for selling a ~~product~~ an air conditioning system, comprising:

providing access to a web server of a ~~product~~ an air conditioning system selling enterprise;

receiving an appropriate classification from a plurality of classifications based on a purpose of access and a level of expertise;

searching for a required air conditioning system ~~product~~;

providing a first set of information related to the required air conditioning system ~~product~~ for an individual, non-expert classification;

receiving additional information related to installation requirements for the required air conditioning system ~~product~~ including drawings of a building into which the required air conditioning system ~~product~~ is to be installed, and providing a second set of information related to the required air conditioning system ~~product~~ for an expert classification;

simulating a three dimensional (3D) installation of the required air conditioning

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~~system product~~ and displaying the simulated installation on a web page; and

repeating the searching, providing, receiving, and simulating steps until a purchase order is placed.

50. (Currently Amended) The method ~~for selling a product~~ of claim 49, further comprising:

representing the building in a 3D graphic image based on the drawings received;

and

positioning a 3D graphic image of a selected air conditioning system product in the 3D graphic image of the building and simulating an installation of the air conditioning system product in the building.